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including a plurality of conically narrowing ducts having relatively wider inlets and relatively narrower outlets, wherein the ducts are, at least at their outlets, capillaries, wherein each of the outlets prevent passage of more than one of the non-liquid objects at a time, and wherein each of the plurality of ducts includes a portion of the liquid containing the non-liquid objects, said method comprising the steps of:

transporting the non-liquid objects in each of the plurality of ducts in the direction of the corresponding outlets until one non-liquid object emerges from each of the outlets;

positioning the outlets adjacent to the support;

dispensing one non-liquid object from each of the outlets onto the support; and

affixing the dispensed, non-liquid objects to the support.

22. (Amended) The method according to claim 20, wherein said steps of positioning, dispensing and affixing take place in a simultaneous manner.

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23. (Amended) The method according to claim 20, further comprising the step of:

adjusting the positioning of the objects on the support prior to said step of affixing the dispensed, non-liquid objects to the support.

24. (Amended) The method according to claim 20, further comprising the step of:

covering the support with a chemically reactive layer, prior to said steps of dispensing and affixing.

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25. (Amended) The method according to claim 20, wherein said step of affixing includes electrostatically affixing the dispensed, non-liquid objects to the support.

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26. (Amended) The method according to claim 20, wherein said step of affixing includes photochemically affixing the dispensed, non-liquid objects to the support.

27. (Amended) The method according to claim 20, wherein said step of affixing includes affixing the dispensed, non-liquid objects to the support by micro-mechanical means.

28. (Amended) The method according to claim 20, further comprising the step of:

magnetizing the non-liquid objects, prior to said step of dispensing, and wherein said step of affixing includes magnetically affixing the dispensed, non-liquid objects to the support.

29. (Amended) The method according to claim 20, further comprising the step of:

covering the dispensed and affixed non-liquid objects with a layer of gel.

30. (Amended) The method according to claim 20, wherein the non-liquid objects are charged electrostatically with a same polarity.

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cont. 31. (Amended) The method according to claim 30, wherein the support is charged electrostatically with an opposite polarity relative to the non-liquid objects.

32. (Amended) The method according to claim 20, wherein the non-liquid objects dispersed in the liquid of one of the plurality of ducts are coated with a first type of biological-chemical active substance; and wherein the non-liquid objects dispersed in the liquid of another of the plurality of ducts are coated with a second and different type of biological-chemical active substance.

33. (Amended) The method according to claim 32, further comprising the step of:

detecting nucleotide sequences using the dispensed, non-liquid objects.

34. (Amended) The method according to claim 33, wherein said step of detecting includes:

applying a test liquid to the dispensed, non-liquid objects on the support;
and
evaluating any chemical reactions which occur.

35. (Amended) An apparatus for fixing micro- and/or nano-, non-liquid objects, which are contained in a liquid onto a support, said apparatus comprising:

a positioning head including at least one depositing cell, said at least one depositing cell including a bundle-like arrangement of conically narrowing ducts with relatively wider inlets and relatively narrower outlets, wherein the ducts are, at least at their outlets, capillaries, and wherein the outlets prevent passage of more than one of the non-liquid objects at a time, each duct capable of containing a portion of the liquid having a plurality of the non-liquid objects;

a support; and

at least one actuator for causing relative movement between said positioning cell and said support.